

IN THE CLAIMS:

Please cancel claims 6, 8, 12 and 13 and amend claims 1 to 5, 7 and 9 to 11 as follows:

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517 1. (Currently Amended) ~~An alarm~~ A system for detecting heat, radiation and/or pollutants, said ~~alarm~~ system comprising:

a housing means assembly; and

a cartridge detachably mountable within said housing assembly,

wherein said cartridge contains a detection means apparatus for detecting said at least one of heat, radiation and/or pollutants, and

wherein said detection means apparatus including includes detection circuitry and, a power source; and an alarm such that said cartridge is operable independently of said housing assembly to detect said at least one of heat, radiation and pollutants and to activate said alarm upon said detection.

at
cont.

~~wherein said detection means is contained within a cartridge which is mountable within said housing means and removable therefrom.~~

2. (Currently Amended) ~~An alarm~~ A system according to claim 1 wherein said housing ~~means~~ assembly comprises an upper housing member and a base, the upper housing member and the base being adapted to be fitted together so as to provide an opening to slidably receive the cartridge within said housing assembly.

3. (Currently Amended) ~~An alarm~~A system according to claim 2 wherein the base comprises :

support means; and

carrier means slidably mounted on the support means for sliding movement into and out of said housing assembly, the

wherein said carrier means being for seating is adapted to seat the cartridge thereon for insertion of said cartridge into the said housing means assembly.

4. (Currently Amended) ~~An alarm~~A system according to claim 1 ~~wherein the housing means includes~~1, further comprising:

a first electrical connection means connector located within said housing assembly and connectable to an external power supply; and the cartridge includes

a second electrical connector disposed on said cartridge and electrically connected to said detection apparatus.

wherein said second electrical connection connector means is engageable with said first connection means for electrically connecting electrical connector when said cartridge is inserted fully into said power housing supply assembly, thereby to allow allowing said detection means apparatus to be powered by said external power supply.

5. (Currently Amended) ~~An alarm~~A system according to claim 4 ~~wherein the housing means~~4, further includes comprising a cover means that is movable between first and second positions in response to insertion and removal of said cartridge into and

from said housing assembly, and wherein: in said first position said cover ~~means~~
restricts physical access to the ~~first connection~~ electrical means connector and in said
second position said cover ~~means~~ allows engagement of said first and second
~~connection~~ electrical means connectors.

6. (Canceled)

7. (Currently Amended) ~~An alarm~~ A system according to claim 41, wherein
the cartridge ~~is provided with~~ has a plurality of apertures to allow the passage of said at
least one of heat, radiation and/or pollutants into the cartridge for detection by said
detection apparatus, and wherein said cartridge further comprises closure means on
said cartridge for closing said apertures, said closure means being movable between
first and second positions, wherein in said first position said closure means closes said
apertures and in said second position said closure means opens said apertures.

8. (Canceled)

9. (Currently Amended) ~~An alarm~~ A system according to claim 87, wherein
said closure means is movable between said first and second positions in response to
insertion and removal of said cartridge into and from said housing ~~means~~ assembly.

10. (Currently Amended) ~~An alarm~~ A system according to claim 4 ~~having~~ 4,
wherein said cartridge further comprises a control means circuit responsive to the

energizing and de-energizing of ansaid external power supply a preset number of times over a preset time period to apply a reset signal to the alarmdetection apparatus, thereby to reset the alarm ~~in the event of an accidental triggering thereof~~ detection apparatus.

11. (Currently Amended) An alarmA system according to claim 1 ~~and having~~4, wherein said cartridge has a control meanscircuit responsive to the energizing and de-energizing of ansaid external power supply a preset number of times over a preset time period to apply a test signal to the alarmdetection apparatus, thereby to test the alarmdetection apparatus.

12. (Canceled)

13. (Canceled)